

- (a) at least one oxidation base chosen from 3-methyl-4-aminophenol and the acid addition salts of said at least one oxidation base; and
- (b) at least one enzyme of laccase type.

23. A composition according to Claim 22, wherein said keratinous fibers are human keratinous fibers.

24. A composition according to Claim 23, wherein said human keratinous fibers are hair.

25. A composition according to Claim 22, wherein said at least one oxidation base is present in a concentration ranging from 0.0005% to 12% by weight of the total weight of said composition.

26. A composition according to Claim 25, wherein said at least one oxidation base is present in a concentration ranging from 0.005% to 6% by weight of the total weight of said composition.

27. A composition according to Claim 22, wherein said at least one enzyme of laccase type is chosen from laccases of plant origin, animal origin, fungal origin and bacterial origin and laccases obtained by biotechnology.

28. A composition according to Claim 22, wherein said at least one enzyme of laccase type is chosen from those extracted from plants chosen from Anacardiaceae, Podocarpaceae, Rosmarinus off., Solanum tuberosum, Iris sp.,

*Coffea* sp., *Daucus carota*, *Vinca minor*, *Persea americana*, *Catharethus roseus*,  
*Musa* sp., *Malus pumila*, *Ginkgo biloba*, *Monotropa hypopithys*, *Aesculus* sp., *Acer*  
*pseudoplatanus*, *Prunus persica* and *Pistacia palaestina*.

29. A composition according to Claim 27, wherein said at least one enzyme of laccase type is chosen from laccases of microbial origin and laccases obtained by biotechnology.

30. A composition according to Claim 22, wherein said at least one enzyme of laccase type is chosen from laccases derived from fungi chosen from *Polyporus versicolor*, *Rhizoctonia praticola*, *Rhus vernicifera*, *Scytalidium*, *Polyporus pinsitus*, *Myceliophthora thermophila*, *Rhizoctonia solani*, *Pyricularia orizae*, *Trametes versicolor*, *Fomes fomentarius*, *Chaetomium thermophile*, *Neurospora crassa*, *Coriolus versicol*, *Botrytis cinerea*, *Rigidoporus lignosus*, *Phellinus noxius*, *Pleurotus ostreatus*, *Aspergillus nidulans*, *Podospora anserina*, *Agaricus bisporus*, *Ganoderma lucidum*, *Glomerella cingulata*, *Lactarius piperatus*, *Russula delica*, *Heterobasidion annosum*, *Thelephora terrestris*, *Cladosporium cladosporioides*, *Cerrena unicolor*, *Coriolus hirsutus*, *Ceriporiopsis subvermispora*, *Coprinus cinereus*, *Panaeolus papilionaceus*, *Panaeolus sphinctrinus*, *Schizophyllum commune*, *Dichomitius squalens* and variants of all said fungi.

31. A composition according to Claim 22, further comprising at least one coupler chosen from meta-phenylenediamines, meta-aminophenols, meta-diphenols, heterocyclic couplers and the acid addition salts of all said couplers.

32. A composition according to Claim 31, wherein said at least one coupler is chosen from 2-methyl-5-aminophenol, 5-N-( $\beta$ -hydroxyethyl)amino-2-methylphenol, 3-aminophenol, 1,3-dihydroxybenzene, 1,3-dihydroxy-2-methylbenzene, 4-chloro-1,3-dihydroxybenzene, 2,4-diamino-1-( $\beta$ -hydroxyethyloxy)benzene, 2-amino-4-N-( $\beta$ -hydroxyethyl)amino-1-methoxybenzene, 1,3-diaminobenzene, 1,3-bis(2,4-diaminophenoxy)propane, sesamol,  $\alpha$ -naphthol, 6-hydroxyindole, 4-hydroxyindole, 4-hydroxy-N-methylindole, 6-hydroxyindoline, 2,6-dihydroxy-4-methylpyridine, 1-H-3-methylpyrazole-5-one, 1-phenyl-3-methylpyrazole-5-one, 2,6-dimethylpyrazolo[1,5-b]-1,2,4-triazole, 2,6-dimethyl[3,2-c]-1,2,4-triazole, 6-methylpyrazolo[1,5-a]benzimidazole and the acid addition salts of all said couplers.

33. A composition according to Claim 31, wherein said at least one coupler is present in a concentration ranging from 0.0001% to 8% by weight of the total weight of said composition.

34. A composition according to Claim 33, wherein said at least one coupler is present in a concentration ranging from 0.005% to 5% by weight of the total weight of said composition.

35. A composition according to Claim 22, further comprising at least one additional oxidation base chosen from para-phenylenediamines, double bases, para-aminophenols, ortho-aminophenols, heterocyclic oxidation bases and the acid addition salts of all said additional oxidation bases.

36. A composition according to Claim 35, wherein said at least one additional oxidation base is present in a concentration ranging from 0.0005% to 12% by weight of the total weight of said composition.

37. A composition according to Claim 36, wherein said at least one additional oxidation base is present in a concentration ranging from 0.005% to 6% by weight of the total weight of said composition.

38. A composition according to Claim 22, wherein said acid addition salts are chosen from hydrochlorides, hydrobromides, sulfates and tartrates, lactates and acetates.

39. A composition according to Claim 31, wherein said acid addition salts are chosen from hydrochlorides, hydrobromides, sulfates and tartrates, lactates and acetates.

40. A composition according to Claim 35, wherein said acid addition salts are chosen from hydrochlorides, hydrobromides, sulfates and tartrates, lactates and acetates.

41. A composition according to Claim 22, further comprising a medium appropriate for dyeing.

42. A composition according to Claim 41, wherein said medium appropriate for dyeing is chosen from water and at least one organic solvent.

43. A composition according to Claim 22 having a pH ranging from about 4 to about 11.

44. A composition according to Claim 43, wherein said pH ranges from about 6 to about 9.

45. A composition according to Claim 22, wherein said composition is a ready-to-use composition.

46. A composition according to Claim 22, further comprising at least one direct dye.

47. A composition according to Claim 22, further comprising at least one suitable additive chosen from anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, zwitterionic surfactants, polymers, antioxidants, enzymes different from said at least one enzyme of laccase type as defined in Claim 1, penetrating agents, sequestering agents, perfumes, buffers, dispersing

agents, thickeners, film-forming agents, preservatives, opacifying agents and vitamins.

48. A composition according to Claim 22 in the form of a liquid, a cream, a gel or in any other form appropriate for keratinous fibers.

49. A composition according to Claim 48, wherein said composition form may optionally be pressurized.

50. A method for dyeing keratinous fibers comprising the step of applying a ready-to-use composition to said fibers for a time sufficient to achieve a desired colouration, wherein said ready-to-use composition comprises:

- (a) at least one oxidation base chosen from 3-methyl-4-aminophenol and the acid addition salts of said at least one oxidation base; and
- (b) at least one enzyme of laccase type.

51. A method according to Claim 50, further comprising the step of rinsing said composition from said fibers.

52. A method according to Claim 51, further comprising the step of washing the fibers.

53. A method according to Claim 52, further comprising the step of rinsing said fibers a second time.

54. A method according to Claim 53, further comprising the step of drying said fibers.

55. A method according to Claim 50, wherein said time sufficient to achieve a desired colouration ranges from 3 to 60 minutes.

56. A method according to Claim 55, wherein said time sufficient to achieve a desired colouration ranges from 5 to 40 minutes.

57. A method for dyeing keratinous fibers comprising the steps of:

- (a) storing a first composition,
- (b) storing a second composition separately from said first composition,
- (c) mixing the first composition with the second composition to form a mixture, and
- (d) applying said mixture to said keratinous fibers for a time sufficient to achieve a desired colouration,

wherein said first composition comprises at least one oxidation base chosen from 3-methyl-4-aminophenol and the acid addition salts of said at least one oxidation base in a medium appropriate for keratinous fibers, and

wherein said second composition comprises at least one enzyme of the laccase type in a medium appropriate for keratinous fibers.

58. A multicompartment device or dyeing kit, wherein said device or kit comprises:

- (a) a first compartment comprising a first composition, and
- (b) a second compartment comprising a second composition,

wherein said first compartment comprises at least one oxidation base chosen